

State of Delaware
Homeland Security Advisory Council
Unmanned Aerial Vehicle (UAV) Subcommittee

Minutes

03/03/16

1330-1500

Delaware State Fire School, Room 7
Dover, DE 19901

1. Welcome and Room Introductions

- a. Meeting began at 1:40 PM. Dwayne Day led introductions around the room

Present Voting Committee Members

Dwayne Day	DelDOT
Dallas Wingate	Delaware National Guard
Ray Holcomb	Department of Safety and Homeland Security

Members Present by Proxy

Jimmy Kroon	Department of Agriculture (Proxy for Secretary Kee)
Jerry Brennan	Delaware State Fire School

Present Non-Voting Committee Members

Josh Thomas	DelDOT
Wendy Hudson	Department of Safety and Homeland Security

Also Present

Joe Hughes	Delaware League of Local Governments
Alvin Marquess	Jacobs, DelDOT Consultant
Richard Welsh	Delaware Tech

Absent Voting Committee Members

Eric Bowers	Dover AFB (Asked to be removed as a primary from the committee)
Edwin Kee	Department of Agriculture
Jeff Streavel	
Herbert Tanner	University of Delaware
Adam Ringle	Wilmington PD
Eric Hamm	DSP Aviation
Robert Newnam	Delaware State Fire School

Absent Non-Voting Committee Members

Paul Huang	University of Delaware
Matthew Laick	Department of Safety and Homeland Security
Chris Marsh	DelDOT
Don Pope	Delaware State Police
Lisa Morris	Department of Justice

2. Approval of Previous Meeting's Minutes

- a. Dwayne Day made a motion to accept the minutes. Motion was seconded by Ray Holcomb with no opposition. Motion passed and minutes from the last meeting were accepted.

3. Old Business

- a. HB 195 Status
 - i. W. Hudson advised the group that HB 195 was currently sitting in the public safety committee
 - ii. D. Day informed the committee that HB 195 was sent to the FAA for review through the UAS Task Force to ensure they will not have any major issues with it. The house attorney and Senator Swartzkopt have been notified.
- b. White Paper
 - i. R. Holcolm asked about the status of the white paper that was going to be developed by the AG's office for Law Enforcement so they could better understand their authority as it is applied to UAVs.
 - ii. D. Day advised this is something that needs to be followed up on.
- c. Delaware Technical Community College (DTCC) Science, Technology, Engineering and Mathematics (STEM) Conferences
 - i. D. Day advised that the DTCC STEM conference which will be taking place March 17 and 18, will have 360 Aerial performing the flying demonstrations of the UAVs. D. Day will be there to explain to the attendees the Criminal Justice and Homeland Security side of the UAV practices.

4. New Business

- a. VIA email, E. Bowers of Dover Air Force Base has asked to be removed as a voting member of the committee. This brings the total number of voting members to nine.
- b. The committee reviewed the "Concurrent Resolution on Unmanned Aircraft Systems" document that was generated in the UAS Task Force.
 - i. D. Day explained that the resolution is basically stating that Delaware is officially looking into the usage of UAVs.
 - ii. The UAS Task Force has not officially introduced the resolution at this point.
- c. DTCC "Drones for Delaware" demos will be taking place at the three DTCC campuses in Sussex, Terry, and Stanton on the same day. The demos will consist of 60 to 90 minute flying demonstrations with a 3 person panel on hand for questions and answers from the public.
- d. D. Day updated the group on DelDOT UAV Initiatives Status
 - i. DelDOT is still moving forward with trying to obtain a COA from the FAA. The DelDOT letter has been sent to the FAA lawyer for approval so that they may get access to the portal.
 - ii. The Department of Homeland Security (DHS) is now allowing the use of Homeland Security grant funding for UAV training programs and other UAV initiatives. Twenty five thousand dollars was set aside from the HLS grant funds to develop a UAS training curriculum. The grant funding will not however allow for the purchase of UAVs.
 - iii. DelDOT is developing a training program skeleton which when completed can be used by any state agency toward the development of their training programs.
- e. D. Day reported that the FAA has assembled a committee to look at allowing micro UAV flights over people. The existing 107 regulation does not currently allow for this unless the people have granted approval to have the flight take place over them. This group will also be looking at different UAV manufacturers and models to determine and certify which are safe enough to allow flying over people.
- f. D. Day informed the committee that the FAA is pursuing research to identify tools that would detect drones near airports. The FAA will be working with the Department of Homeland Security, CAIC International and the University of Maryland to develop a system that employs sensors to detect radio signals emitted by unmanned aircraft.
- g. J. Thomas provided an update of the UAV Task Force committee.
 - i. The Del Tech UAV event was one of the big items that have come out of the committee. This event is geared toward companies who may want to get training to become UAV

flight certified. The committee is looking to provide more of these types of events in the future.

- ii. The committee is investigating the possibility of assembling packages of educational materials for future sessions as well as developing safety packages for distribution.
- iii. The UAV Task Force committee is soliciting comments to discuss and approve the concurrent resolution. They are also looking for a sponsor to carry this effort forward prior to their next meeting in two weeks. There are currently no updates on potential sponsors as of yet.
- h. D. Day asked the committee if meeting every month was still acceptable to the committee or should the frequency of the meetings change. The group decided that due to FOIA requirements of the committee relating to meeting frequency they will continue with monthly meetings but may decide to skip a month in the near future.
- i. UAV Committees
 - i. D. Wingate commented that there still needs to be a clear strategic plan for each of the UAV committees. Who would perform the oversight of each committee and should there be an oversight board established to de-conflict any issues between the groups.
 - ii. D. Day advised that the HSAC UAV Committee is an advisory group and reports to the secretary on nefarious uses of UAVs and also examines the Public Safety side of UAV usage. The UAV Task Force committee is focused more on the economic development side of UAV usage for entities such as business uses, the hobbyists, educational institutions and some legislative issues.
 - iii. J. Thomas added that the two committees have been working together and have been able to coordinate task assignments between the two groups and are working together to carry the mission of each committee forward. J. Thomas also informed the group that there is a council member on his committee that is responsible for keeping the Governor's office briefed on their activities.

5. Conferences / Industry Events

- a. D. Day advised the International Transportation Engineers will be hosting their Mid Colonial Meeting on April 17 – 19 in Wilmington Delaware. Dwayne Day and Adam Ringle will both be presenting on a panel related to the UAV efforts in Delaware. The title of the DelDOT presentation is "Unmanned Aerial Systems and the Delaware Approach to Implementation".
- b. D. Day informed the committee that the All Hazards Consortium was delivering three webinars on Drone/UAV activities related to technology; use case scenarios, threats, deterrents, regulations and recommendations. The remaining two webinars are scheduled for March 10 and March 17. The webinar is hosted by DHS and registration can be made at:
<https://www.govevents.com/details/19158/dhsrc3slttgcc-presents-a-jcip-webinar-series-unmanned-aerial-vehicles-uavsdrones--march-3-10-and-17-2016/>

6. Action, Recommendations & Research Items

- a. D. Day - Investigate the status of the white paper that was sent to Law enforcement for comment.

7. Next Meeting—Thursday April 7, 2016 Room 7 at the Delaware State Fire School

D. Wingate made a motion to adjourn the meeting which was seconded by R. Holcolm—motion was carried. The meeting was adjourned at 3:05 pm.